

Trebuchet Chronology to Date

June 19, 2019	Agency reportable release as a result of Vendor leaving valve open on location following water hauling activities. Agency notification made (2RP-5499)
June 20, 2019	Initial site visit to determine size of spill at Trebuchet 23 28 19 WXY #3H, 5H, 10H. Determine characterization plan for spill to estimate volume.
July 3, 2019	Vertex Resource Services Inc. set up as a vendor with Ranger Energy Services. Requested PO for characterization work to be completed. Estimate to follow.
July 10, 2019	Site characterization and remediation begun on Trebuchet 23 28 19 WXY #3H, 5H, 10H. Soil samples submitted to Hall Labs for analysis.
July 19, 2019	Lab results received from Hall Environmental Analysis Laboratory.
July 25, 2019	RP number assigned by District 2 of NMOCD
July 26, 2019	Background sample collected to justify less stringent closure criteria as per NMOCD regulations.
July 31, 2019	Review of lab results and scope of remediation. Background sample results included in remediation scope.
August 13, 2019	Site Preparation - Build berm around AST to protect excavation from potential release. Mobilize equipment to site.
August 14, 2019	First day of remedial excavation
August 16-20, 2019	Composite confirmatory samples collected in anticipation of installing liner at 4' depth.
August 15-September 1, 2019	Continued remediation. Composite confirmatory samples collected in anticipation of installing liner at 4' depth.
August 26, 2019	Lab results received from Hall Environmental Analysis Laboratory of discrete grab samples show elevated chlorides above closure criteria.
August 22, 2019	Initial EM 31 analysis conducted
August 30, 2019	Results of EM 31 and lab samples analyzed to modify remediation scope
September 1-6, 2019	Haul out of contaminated material to waste disposal facility.
September 7-8, 2019	Conducted integrity testing on Marathon owned produced water pipeline
September 9, 2019	Additional EM 31 analysis conducted, additional background sampling
September 13, 2019	Preliminary results received for EM 31
September 15-16, 2019	Results from additional EM 31 and background sample reviewed and determined that additional releases are likely to have occurred.